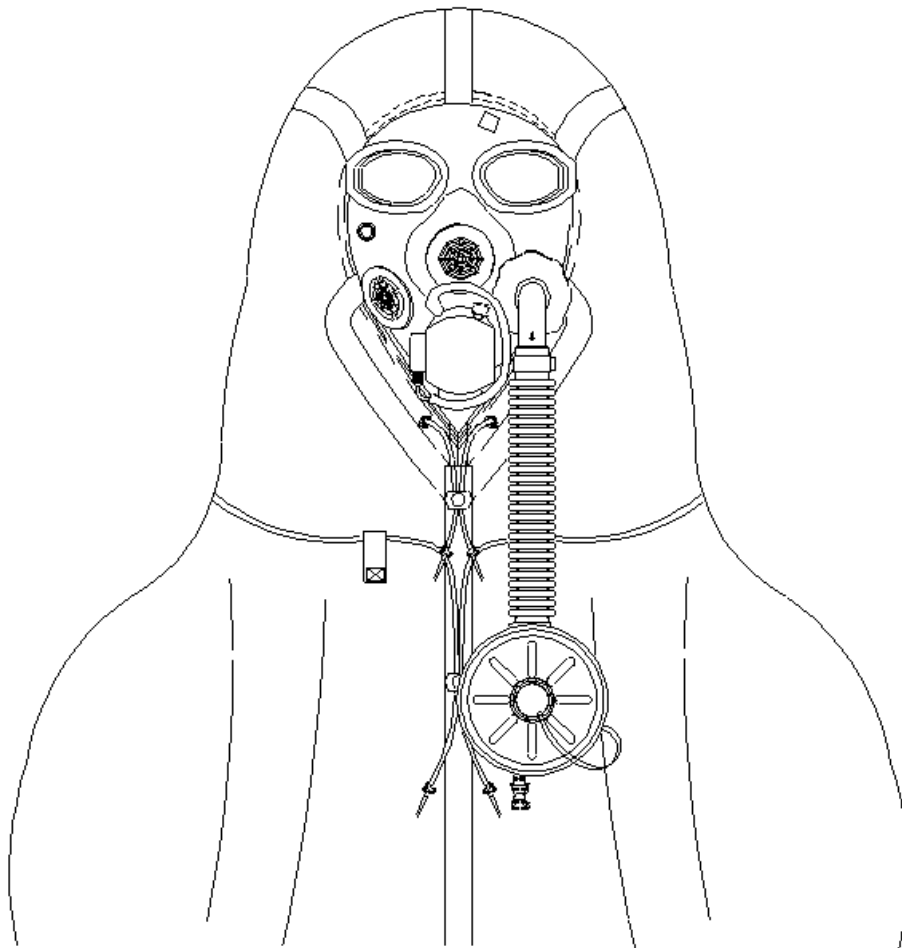


**DEPROCESSING STATEMENT
OF WORK FOR**

**MASK,
CHEMICAL-BIOLOGICAL: M45**



12 January 99

**Project Manager
NBC Defense Systems
AMSCB-PM-NNM-A**

I GENERAL:

The M45 protective mask consists of a facepiece assembly, hood, hose assembly, outserts, carrier, filter canister and faceform. The M45 mask provides protection to the head, neck and respiratory system from chemical-biological agents. The facepiece assembly conforms closely to the user's face, and contains an in-turned periphery for sealing to the user's face. A microphone mounted inside the facepiece allows the wearer to connect to the helmet communication system through a microphone cable mounted on the outside of the facepiece. An easy to use drinking system permits intake of liquids while maintaining agent-proof integrity. Outserts provide protection to the primary mask lenses, as well as reducing fogging.

II APPLICABLE DOCUMENTS:

A. Technical Manuals:

1. TM 3-4240-341-10 Operator's Manual for Mask, Chemical-Biological: M45
2. TM 3-4240-341-20&P Unit Maintenance Manual Including Repair Parts and Special Tools List for Mask, Chemical-Biological: M45

III DEPROCESSING:

A. General:

Deprocessing consists of Unpacking, Inventory and Inspection, and Repackaging. Tool and part requirements will be listed prior to the procedures.

B. Unpacking:

Tools and Equipment Required: Crowbar
Large Tin Snips
Prybar
Knife
Scissors
Screwdriver

1. Locate and remove shipping document from packaging. Secure and retain for later reference.
2. Remove shrink-wrap surrounding the fiberboard boxes or crates. Remove the banding securing the boxes or crates to the pallets by cutting them with the tin snips.
3. Remove the boxes or crates from the pallets. Verify accountability with the shipping document.
4. If crates are used, separate lids by removing nails or screws and retain for later use. Open fiberboard boxes by cutting tape.

B. Unpacking (CONT):

NOTE

See Appendix B for alternate packaging configurations.

5. Remove ten fiberboard unit pack containers, and separate them according to nose cup size on a flat surface.
6. Cut tape securing box lid with razor.
7. Remove canister can and unit pack heat-sealed bag (HSB) from fiberboard box. Retain packaging for later use.
8. Open unit pack HSB and remove carrier. Retain packaging for later use.
9. Open carrier flap and remove facepiece HSB. Remove hood HSB from bottom of carrier.
10. Remove packaged technical manual, microphone cable, clear outserts, neutral outserts and baffle assembly from carrier pockets.
11. Loosen head harness straps and remove hose assembly from faceform.
12. Remove faceform from facepiece and retain.
13. Open all packaged items except the canister. Retain packaging for later use.

C. Inventory and Inspection:

1. Verify accountability of all components against packing slip and Deprocessing Checklist (App A).
2. Inspect all components for defects and record on Deprocessing Checklist (App A).

D. Repackaging:

Tools and Equipment Required: Tape
Knife
Hammer
Nails
Screws
Screwdriver

1. Place all components and assemblies in original packaging and secure with tape.
2. Package carrier by placing packaged clear outserts in right inside pocket. Place packaged neutral gray outserts in carrier left inside pocket. Place packaged TM, baffle assembly and microphone cable in carrier middle pocket. Place packaged hood into cavity in carrier bottom.
3. Package facepiece by placing faceform on inside surface of facepiece. Place hose assembly in cavity in rear part of faceform, and tighten head harness straps to secure. Place facepiece in original bubble wrap and barrier bag, and close by folding and securing with tape.
4. Place facepiece bag in carrier and close carrier flap.

D. Repackaging (CONT):

5. Place carrier in original barrier bag and secure with tape.
6. Place unit bag and canister can in fiberboard box and cover with bubble wrap. Secure unit box with tape.
7. Place 10 unit boxes in fiberboard box or crate.
8. Secure fiberboard box with tape, or secure crate lid with nails or screws.

**APPENDIX A
DEPROCESSING CHECKLIST FOR M45 MASK**

A. Inventory:

(1). Facepiece Package

- a. Faceform _____
- b. Facepiece Assembly _____
 Serial Number _____
- c. Hose Assembly _____
- d. Hose Port Gasket _____
- e. Second Skin _____

(2). Carrier Package

- a. Carrier _____
- b. Baffle Assembly _____
- c. Hood _____
- d. Microphone Cable _____
- e. Operator's Technical Manual _____
- f. Clear Outserts _____
- g. Neutral Gray Outserts _____

(3). C2A1 Canister _____

B. Inspection:

Any Visible Deficiencies: Y N

If Yes,
EXPLAIN _____

Name: _____ Date: _____
Site: _____

APPENDIX B
ALTERNATE UNPACKING/PACKING INSTRUCTIONS FOR M45 MASK

C. Unpacking

1. Remove ten Expanded Polystyrene (EPS) unit pack containers, and place them thick half down on a flat surface.
2. Remove and retain the thin half (lid) of the EPS container by cutting the tape.
3. Remove facepiece, carrier, hood, neutral gray outserts and canister containers from cavity in thick half (base) of EPS container.
4. Open facepiece and carrier HSBs and remove contents. Retain packaging for later use.
5. Loosen facepiece head harness straps and remove hose assembly and baffle assembly from faceform.
6. Remove faceform from facepiece and retain.
7. Open carrier and remove technical manual.
8. Open all packaged items except the canister. Retain packaging for later use.
9. Perform accountability and inspection steps IAW page 2, paragraph III.C.

D. Repackaging:

Tools and Equipment Required: Tape
Knife

1. Place all components and assemblies in original packaging and secure with tape.
2. Package carrier by placing packaged neutral gray outserts in carrier right inside pocket. Place packaged TM and microphone cable in carrier middle pocket. Close carrier flap, fold carrier in half, place carrier in barrier bag and secure with tape.
3. Package facepiece by placing faceform on inside surface of facepiece. Place hose assembly and packaged baffle assembly in cavity in rear part of faceform, and tighten head harness straps to secure. Place facepiece in original bag, and close by folding and securing with tape.
4. Place facepiece bag in large cavity in base of EPS container lenses down. Place packaged carrier over facepiece.
5. Place canister can in medium cavity and cover with packaged hood.
6. Place packaged neutral gray outserts in small slot in corner of EPS container.
6. Place lid on EPS container and interlock with base. Secure lid and base of EPS container by applying tape in grooves.

APPENDIX B
ALTERNATE UNPACKING/PACKING INSTRUCTIONS FOR M45 MASK

D. Repackaging (CONT):

7. Place ten EPS containers in fiberboard box or crate.
8. Secure fiberboard box with tape, or secure crate lid with nails/screws.